

Article

Antioxidant and Cytotoxic Activities of Kudzu Roots and Soy Molasses against Pediatric Tumors and Phytochemical Analysis of Isoflavones Using HPLC-DAD-ESI-HRMS

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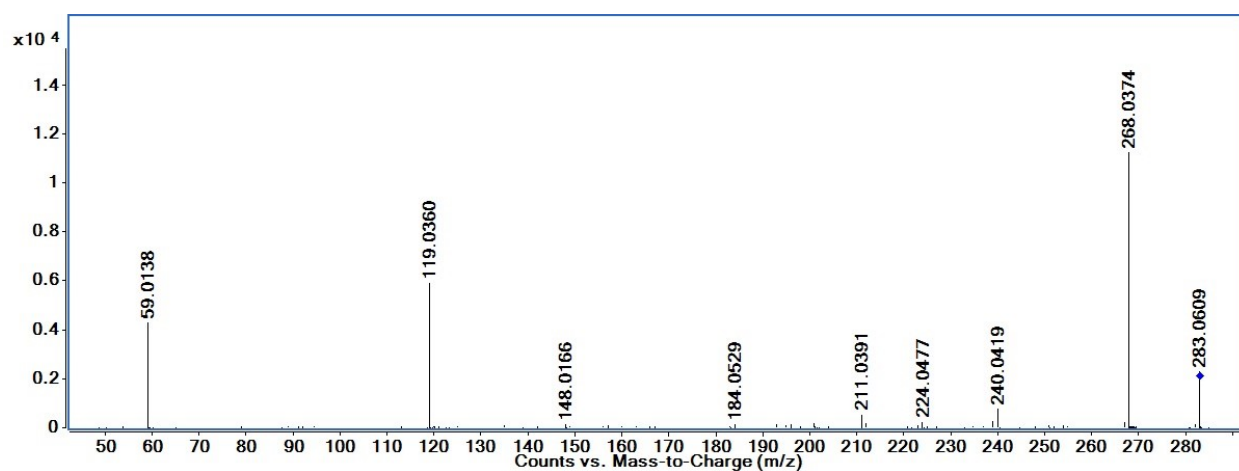
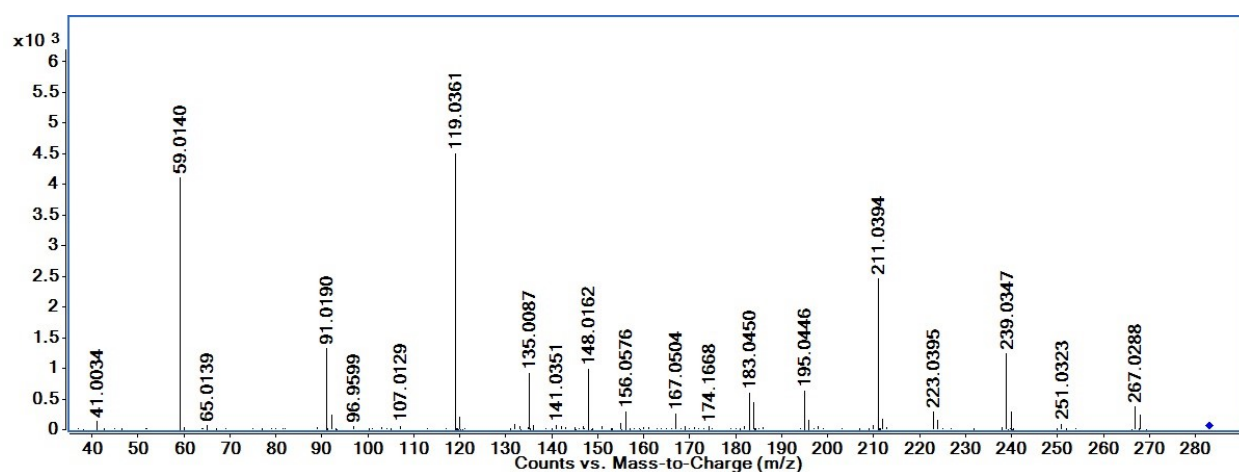
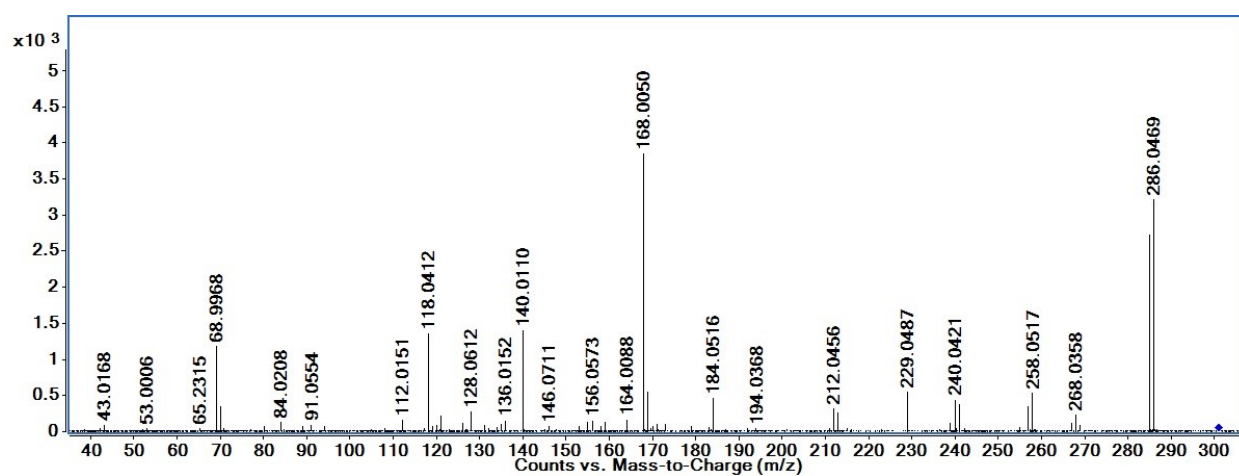
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Supporting Information

Figure S1. CID spectrum of compound 6 ($C_{16}H_{12}O_5$) ($[M-H]^- = 283.0612$, CE = 20 eV)Figure S2. CID spectrum of compound 6 ($C_{16}H_{12}O_5$) ($[M-H]^- = 283.0612$, CE = 40 eV)Figure S3. CID spectrum of compound 8 ($C_{16}H_{12}O_6$, tectorigenin) ($[M+H]^+ = 301.0707$, CE = 40 eV)

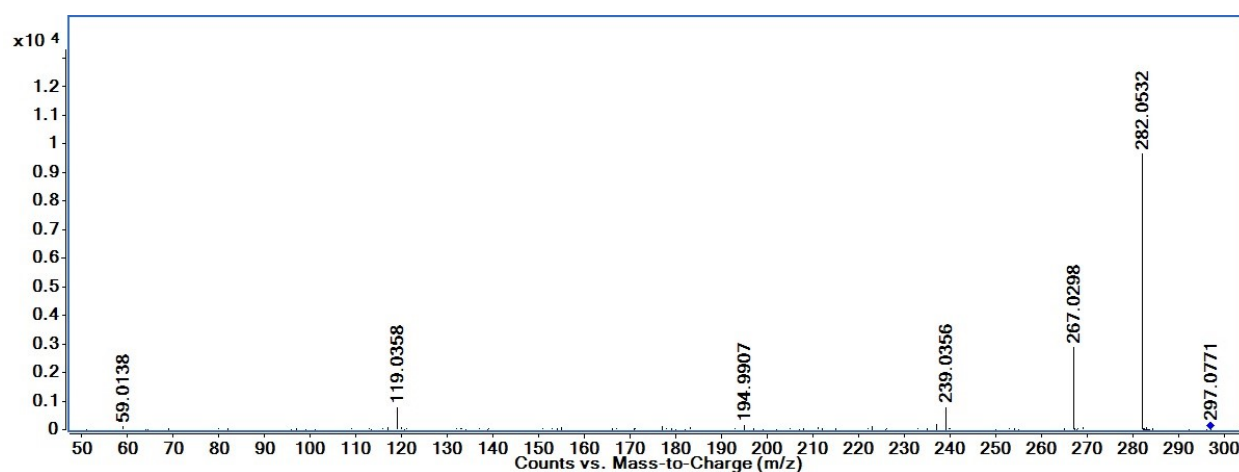


Figure S4. CID spectrum of compound 9 ($C_{17}H_{14}O_5$) ($[M-H]^- = 297.0768$, CE = 20 eV)

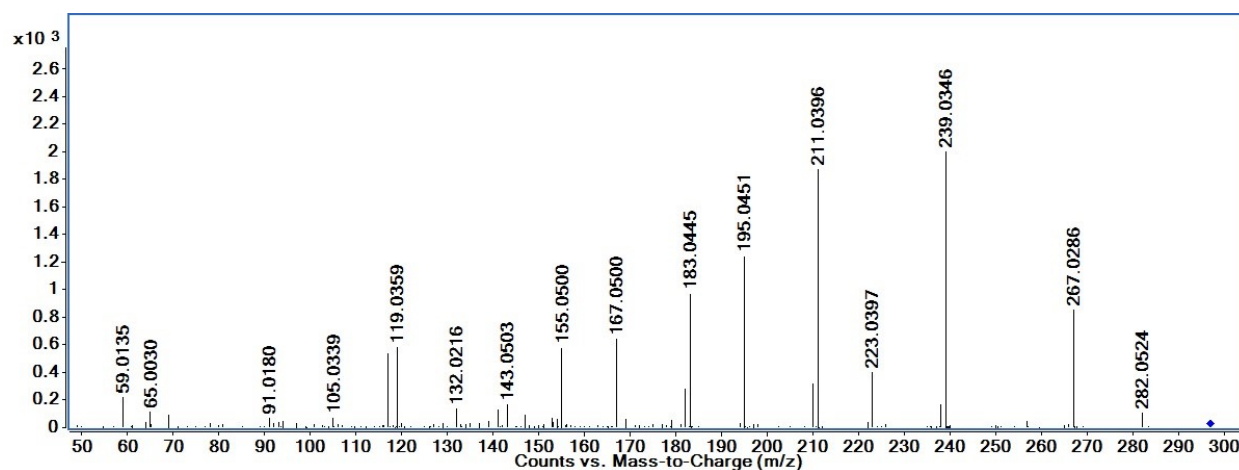


Figure S5. CID spectrum of compound 9 ($C_{17}H_{14}O_5$) ($[M-H]^- = 297.0768$, CE = 40 eV)

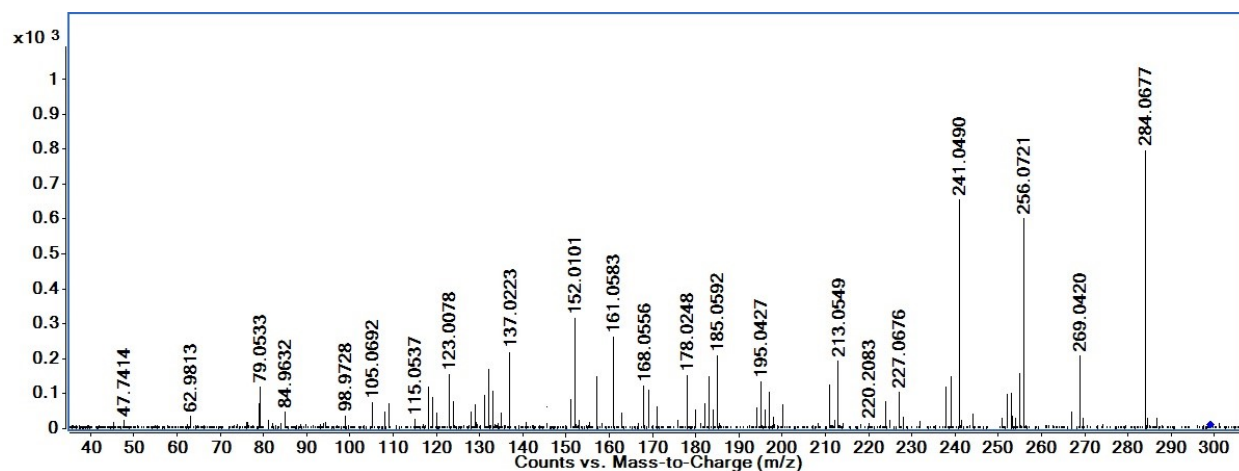


Figure S6. CID spectrum of compound 9 ($C_{17}H_{14}O_5$) ($[M+H]^+ = 299.0914$, CE = 40 eV)

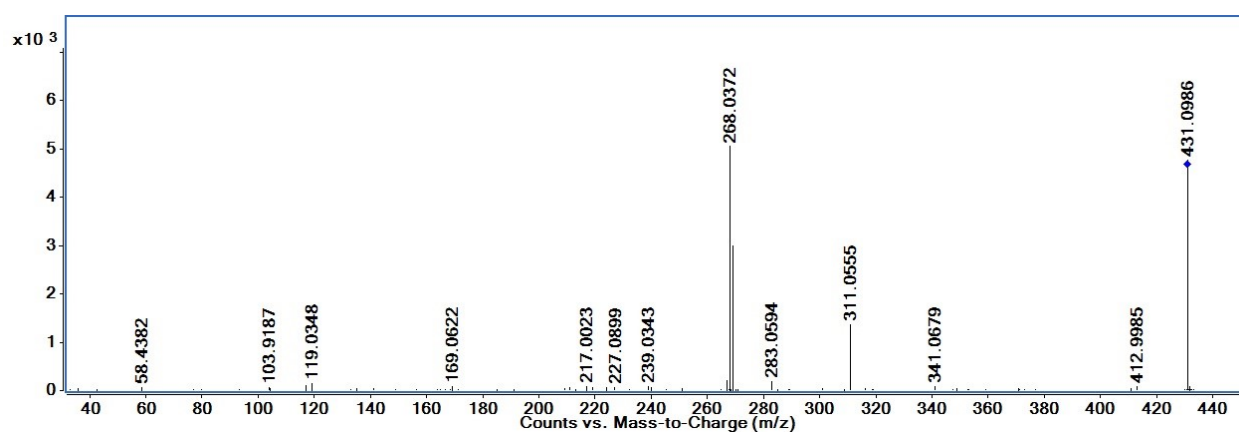


Figure S7. CID spectrum of compound 3 ($C_{21}H_{20}O_{10}$, genistein-7-*O*-glucoside) ($[M-H]^- = 431.0984$, CE = 20 eV)

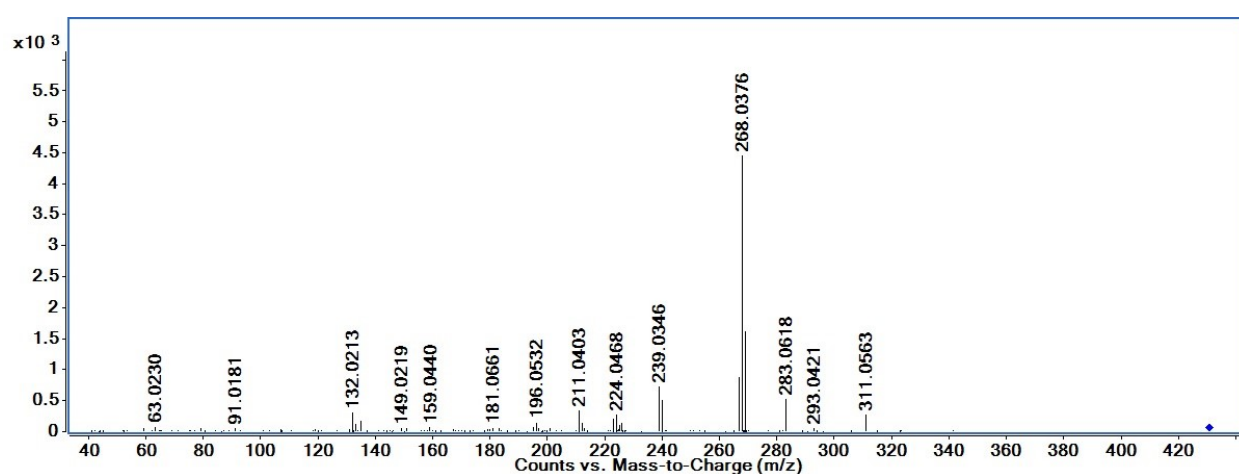


Figure S8. CID spectrum of compound 3 ($C_{21}H_{20}O_{10}$, genistein-7-*O*-glucoside) ($[M-H]^- = 431.0984$, CE = 40 eV)

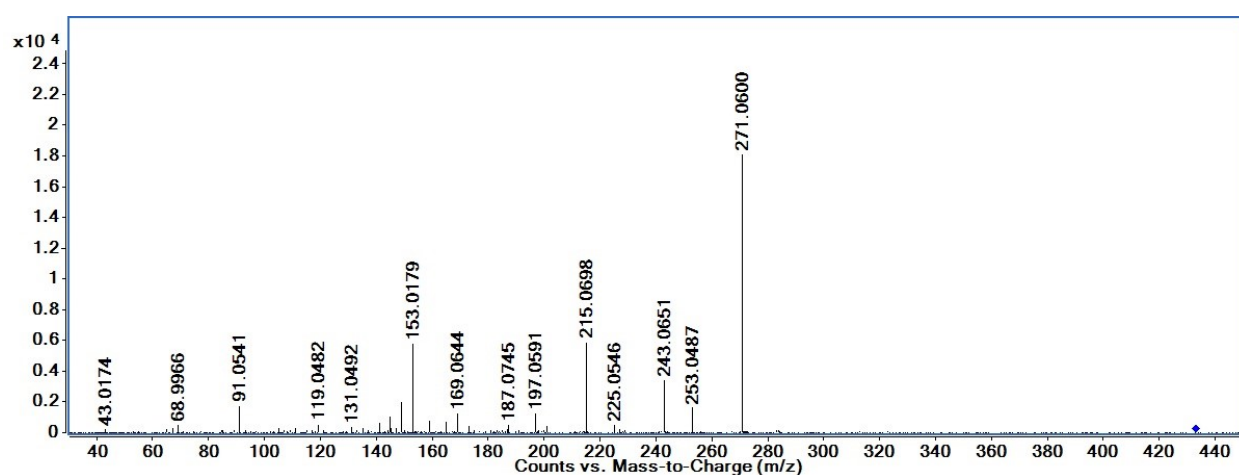


Figure S9. CID spectrum of compound 3 ($C_{21}H_{20}O_{10}$, genistein-7-*O*-glucoside) ($[M+H]^+ = 433.1129$, CE = 50 eV)

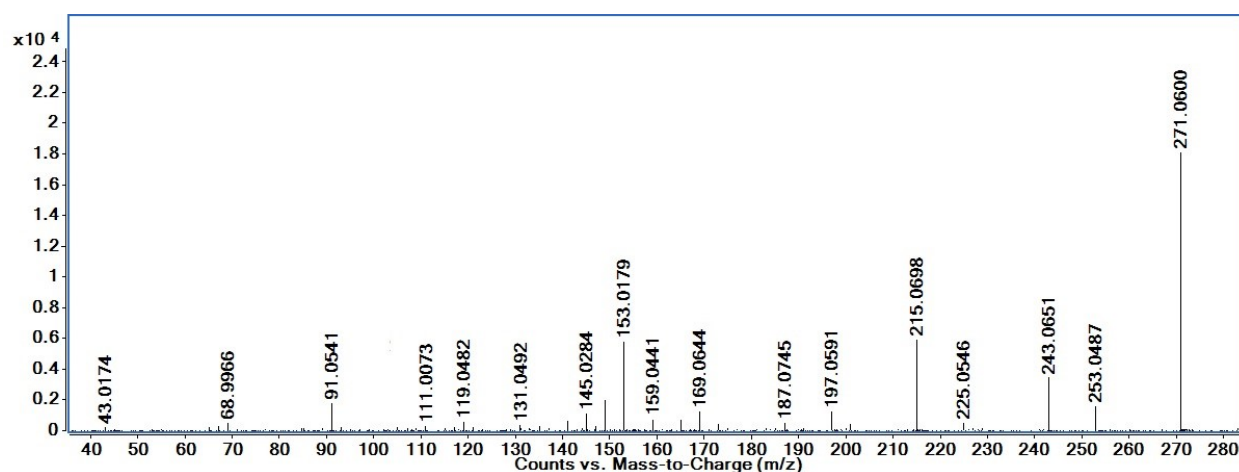


Figure S10. Fragment of CID spectrum of compound 3 ($C_{21}H_{20}O_{10}$, genistein-7-*O*-glucoside) ($[M+H]^+ = 433.1129$, CE = 50 eV)

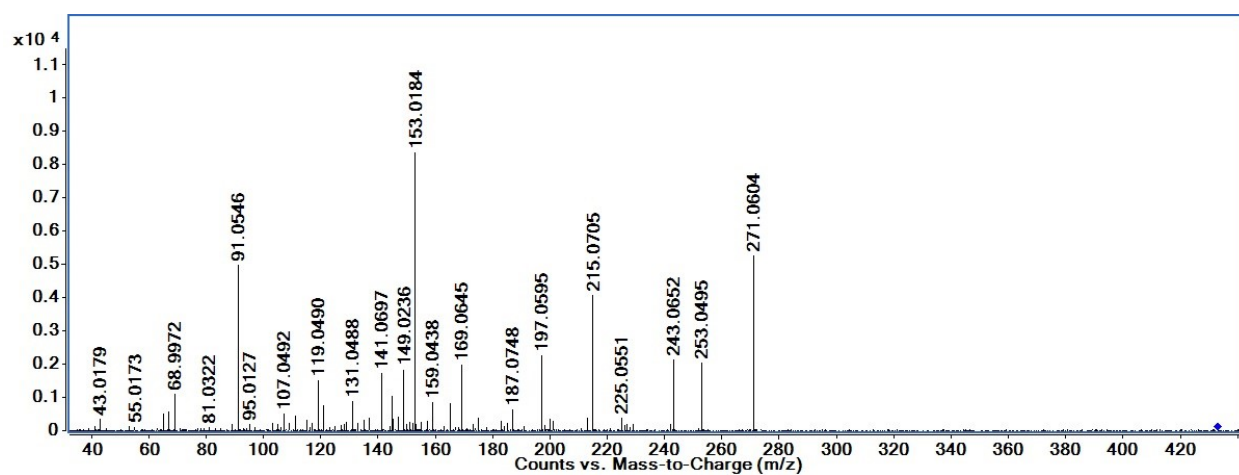


Figure S11. CID spectrum of compound 3 ($C_{21}H_{20}O_{10}$, genistein-7-*O*-glucoside) ($[M+H]^+ = 433.1129$, CE = 60 eV)

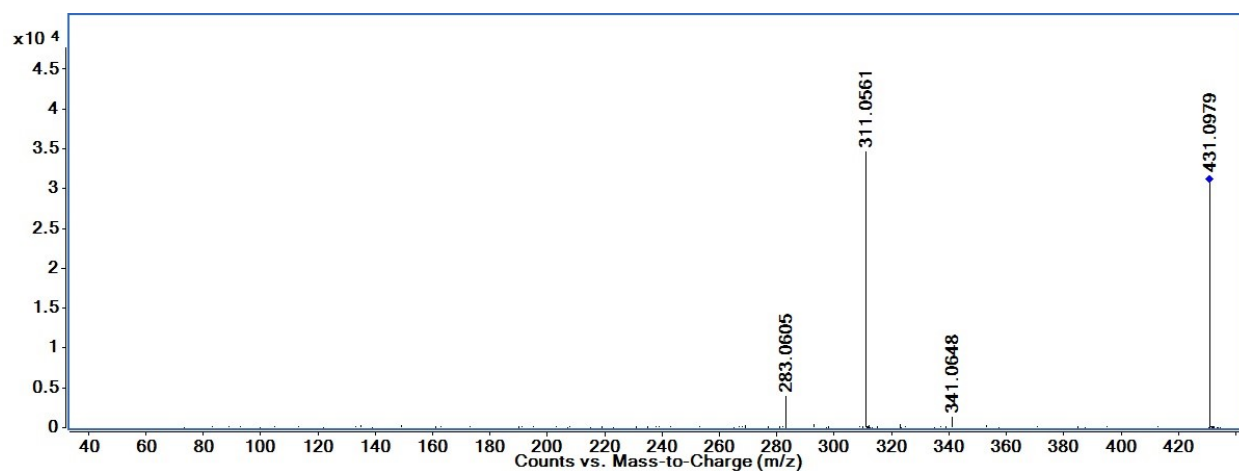


Figure S12. CID spectrum of compound 2 ($C_{21}H_{20}O_{10}$, genistein-8-*C*-glucoside) ($[M-H]^- = 431.0984$, CE = 20 eV)

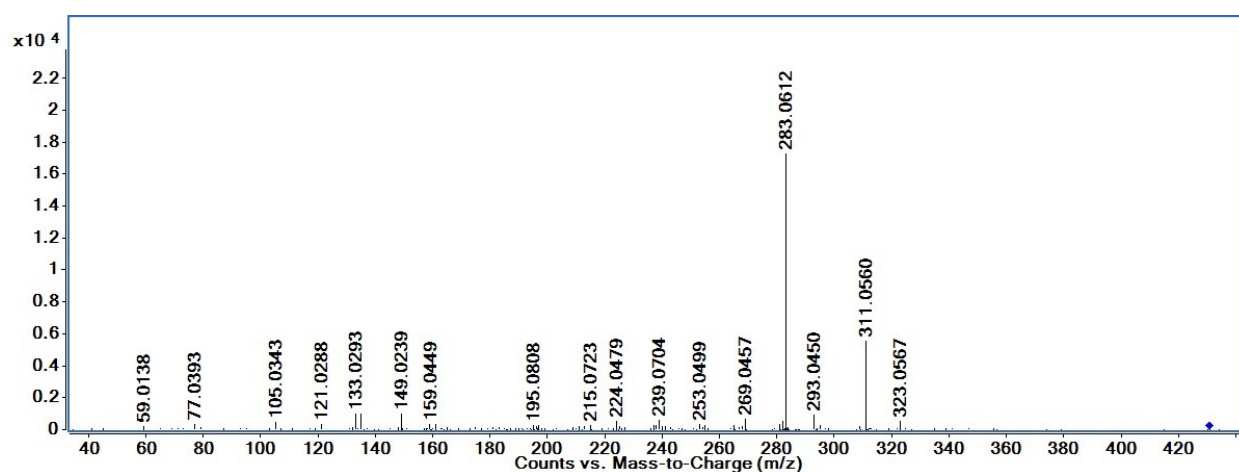


Figure S13. CID spectrum of compound 2 ($C_{21}H_{20}O_{10}$, genistein-8-C-glucoside) ($[M-H]^- = 431.0984$, CE = 40 eV)

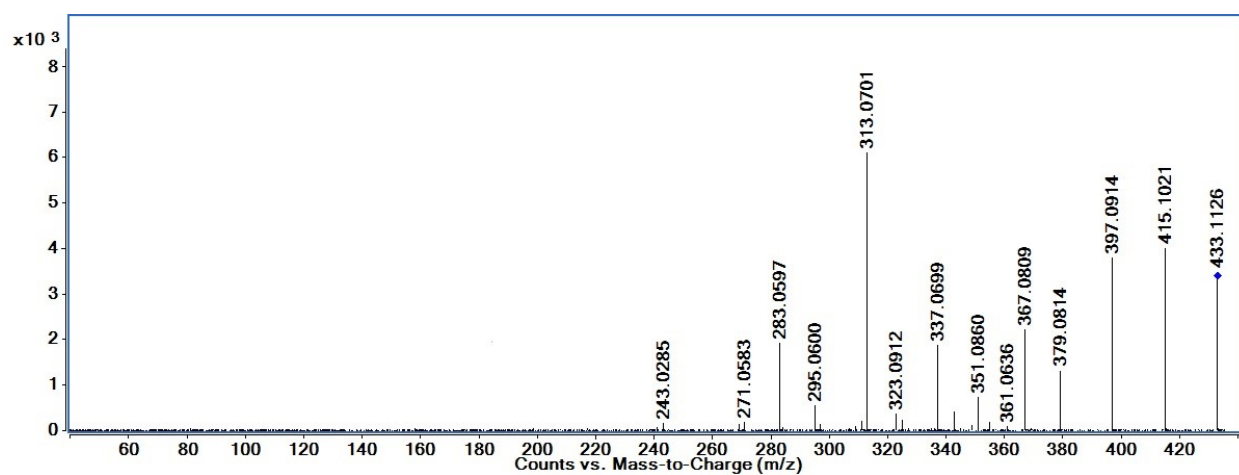


Figure S14. CID spectrum of compound 2 ($C_{21}H_{20}O_{10}$, genistein-8-C-glucoside) ($[M+H]^+ = 433.1129$, CE = 20 eV)

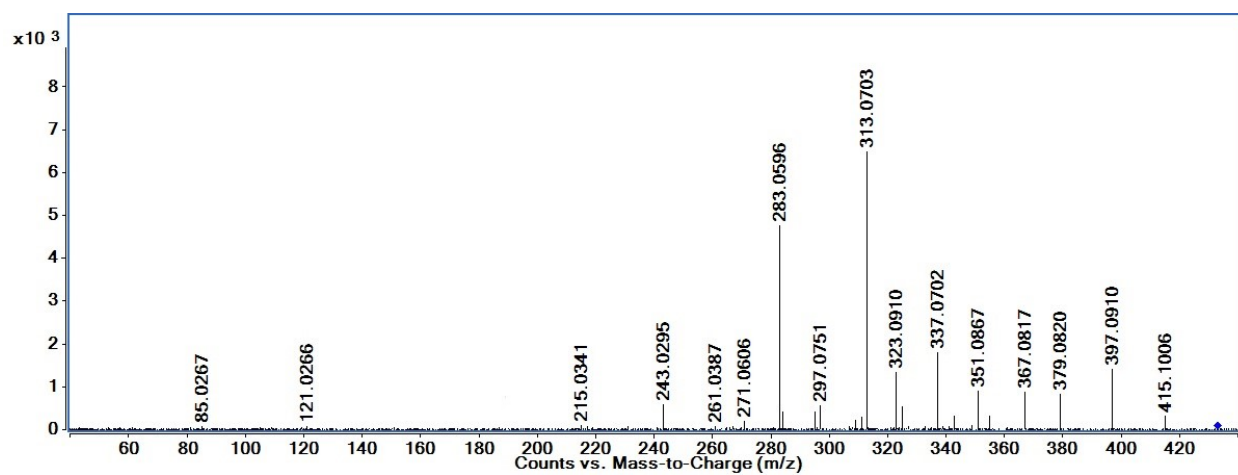


Figure S15.

CID spectrum of compound 2 ($C_{21}H_{20}O_{10}$, genistein-8-C-glucoside) ($[M+H]^+ = 433.1129$, CE = 30 eV)

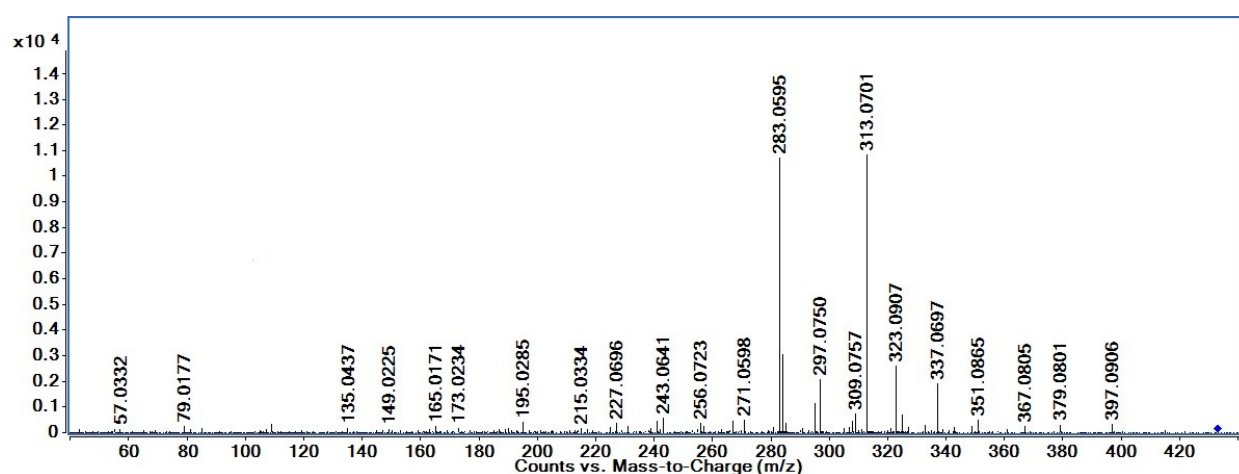


Figure S16. CID spectrum of compound 2 ($C_{21}H_{20}O_{10}$, genistein-8-C-glucoside) ($[M+H]^+ = 433.1129$, CE = 40 eV)

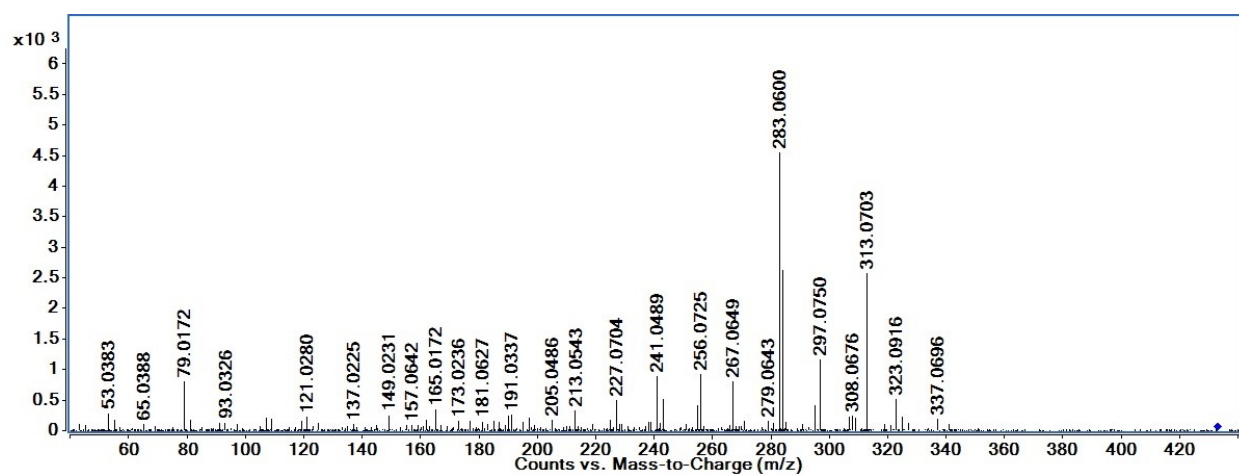


Figure S17. CID spectrum of compound 2 ($C_{21}H_{20}O_{10}$, genistein-8-C-glucoside) ($[M+H]^+ = 433.1129$, CE = 50 eV)

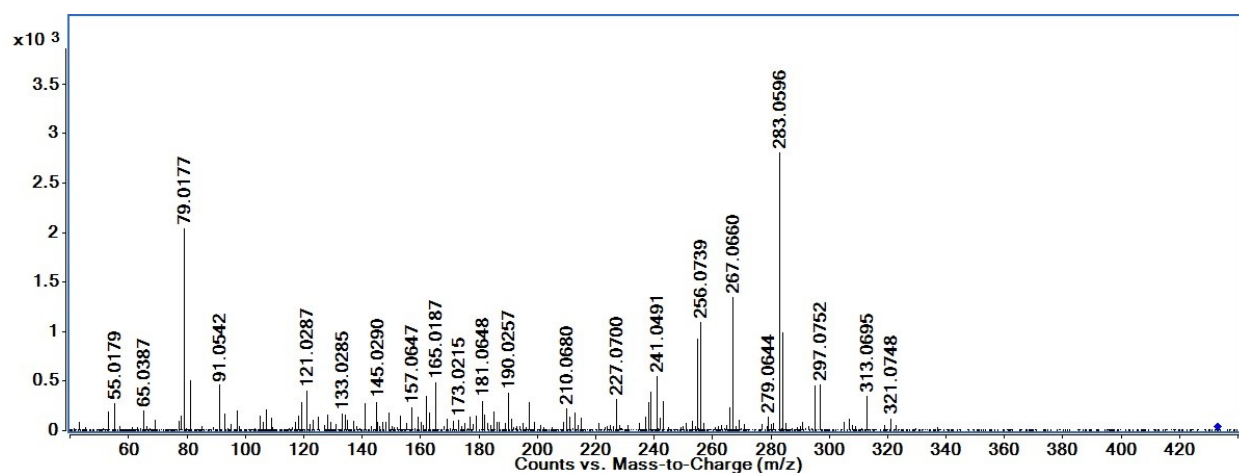


Figure S18. CID spectrum of compound 2 ($C_{21}H_{20}O_{10}$, genistein-8-C-glucoside) ($[M+H]^+ = 433.1129$, CE = 60 eV)